

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001671.D
 Acq On : 12 Jun 2015 10:52
 Operator : TP/IZ
 Sample : G2576-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SHB1W

Manual Integrations
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apatel
 6/15/2015 12:42:25 PM

Quant Time: Jun 12 18:01:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 16:27:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	22916	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	86898	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	46745	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	52614	5.00	ng	0.00
25) Chrysene-d12	21.27	240	79685	5.00	ng	0.00
32) Perylene-d12	23.50	264	64181	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	29132	5.37	ng	0.00
5) Phenol-d6	6.84	99	32539	4.77	ng	0.00
7) Nitrobenzene-d5	8.86	82	65947	9.91	ng	0.01
13) 2,4,6-Tribromophenol	15.83	330	27065	15.90	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	104112	6.38	ng	0.00
27) Terphenyl-d14	19.72	244	89340	7.44	ng	0.00
Target Compounds						
9) Naphthalene	10.52	128	2837887	134.68	ng	96
11) 2-Methylnaphthalene	12.16	142	3767112	277.31	ng	# 89
15) Acenaphthylene	14.06	152	6483	0.30	ng	# 1
16) Acenaphthene	14.40	154	8280	0.60	ng	# 63
17) Fluorene	15.36	166	14148m	1.00	ng	
22) Phenanthrene	17.12	178	9987	0.58	ng	# 66
24) Fluoranthene	19.14	202	5167	0.20	ng	# 90
26) Pyrene	19.50	202	5806	0.21	ng	# 81
28) Benzo(a)anthracene	21.25	228	2473	0.10	ng	# 64
29) Chrysene	21.30	228	1384m	0.06	ng	
30) Bis(2-ethylhexyl)phthalate	21.18	149	5598	0.52	ng	99
31) Indeno(1,2,3-cd)pyrene	25.75	276	700	0.04	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

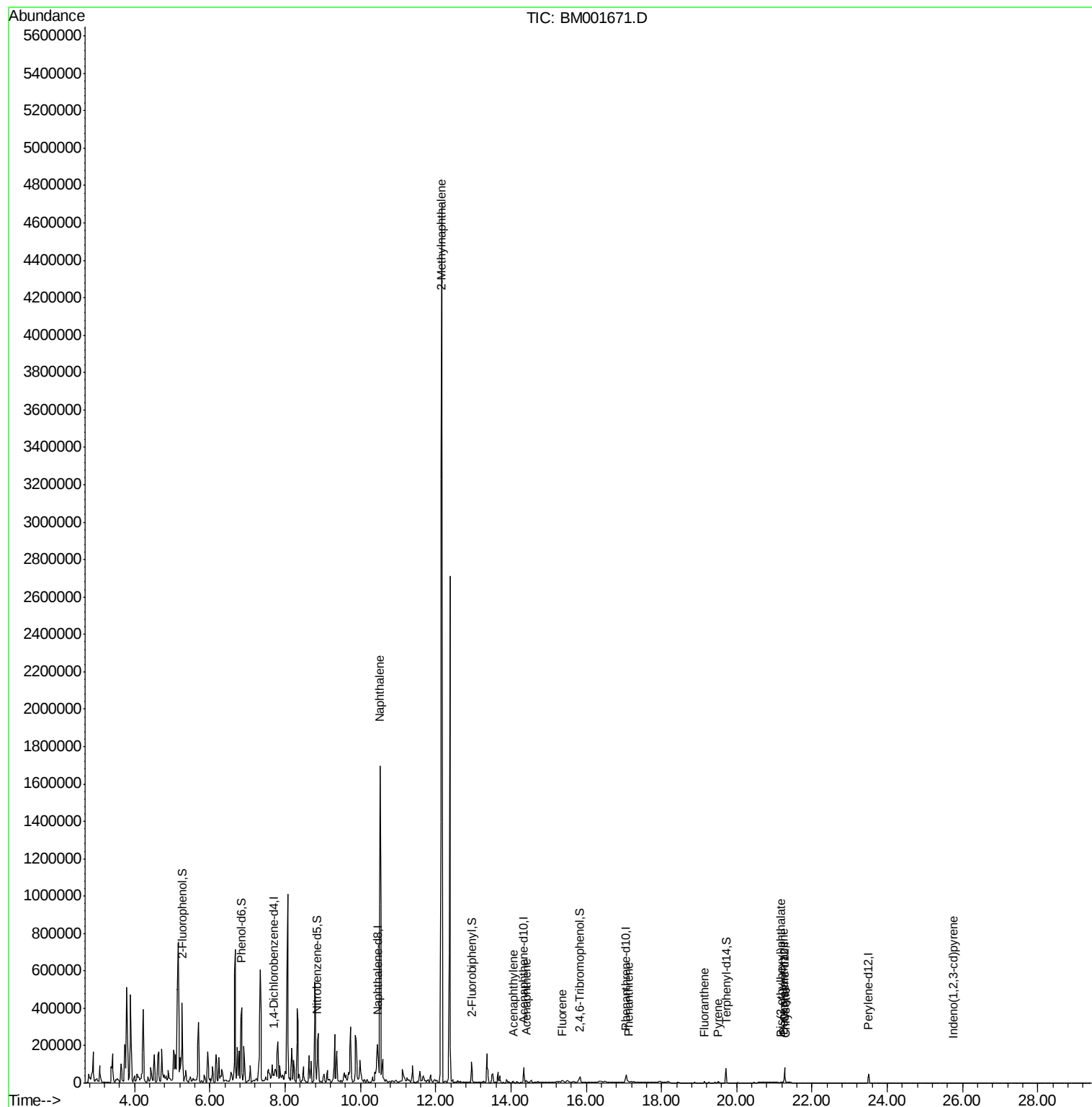
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
Data File : BM001671.D
Acq On : 12 Jun 2015 10:52
Operator : TP/IZ
Sample : G2576-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

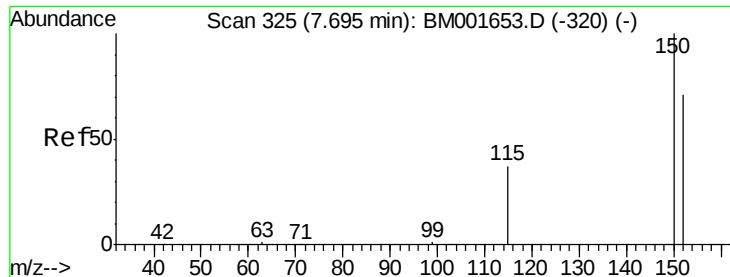
Instrument :
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ClientSampleId :
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Quant Time: Jun 12 18:01:30 2015
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#1

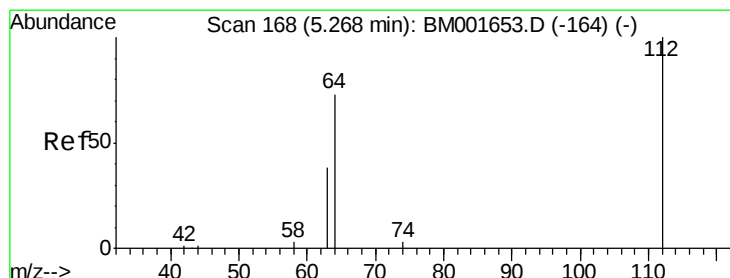
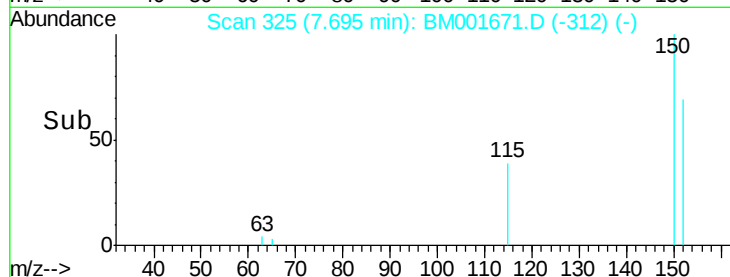
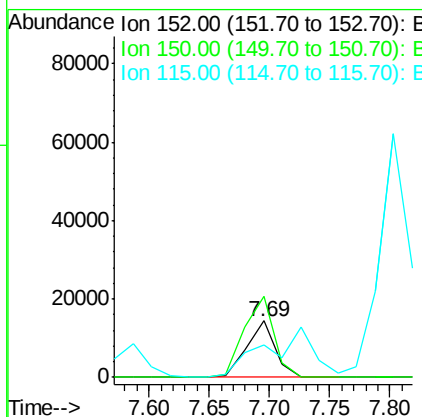
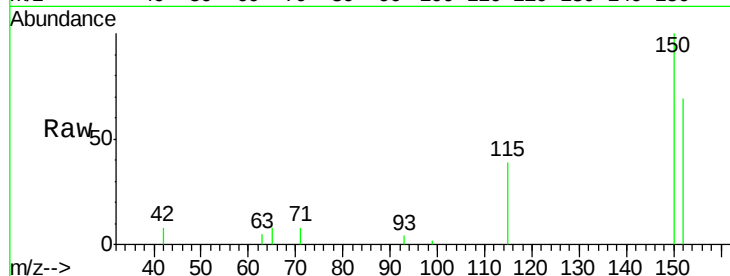
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001671.D
Acq: 12 Jun 2015 10:52

Instrument :
BNA_M
ClientSampleId :
SHB1W

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.5	112.2	168.2
115	56.9	41.7	62.5

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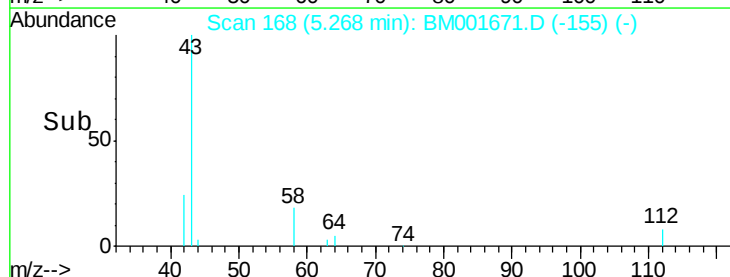
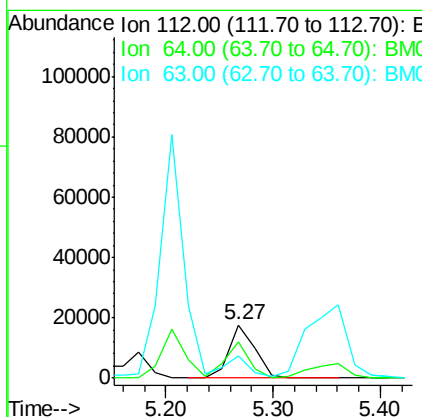
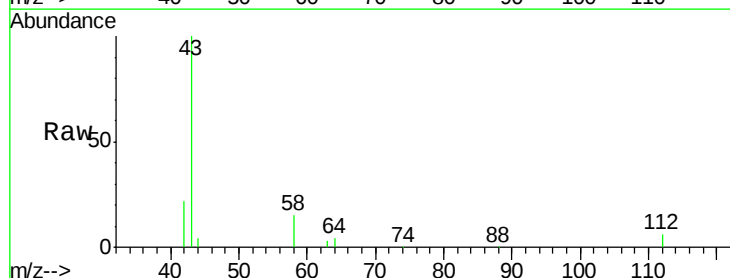
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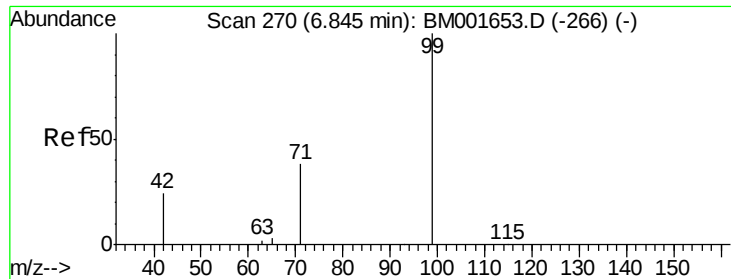


#4

2-Fluorophenol
Concen: 5.37 ng
RT: 5.27 min Scan# 168
Delta R.T. 0.00 min
Lab File: BM001671.D
Acq: 12 Jun 2015 10:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	55.5	83.3
63	0.0	29.9	44.9#





#5

Phenol-d6

Concen: 4.77 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001671.D

Acq: 12 Jun 2015 10:52

Instrument :

BNA_M

ClientSampleId :

SHB1W

Tgt Ion: 99 Resp: 32539

Ion Ratio Lower Upper

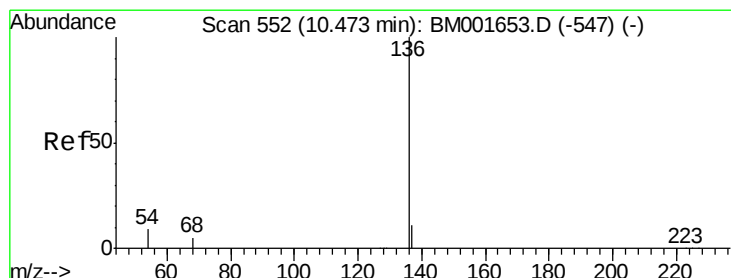
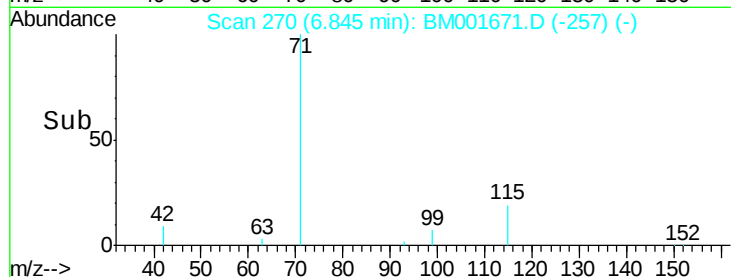
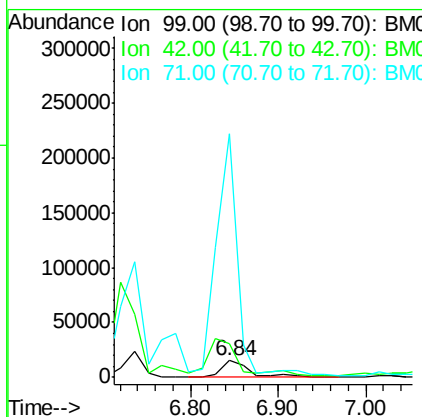
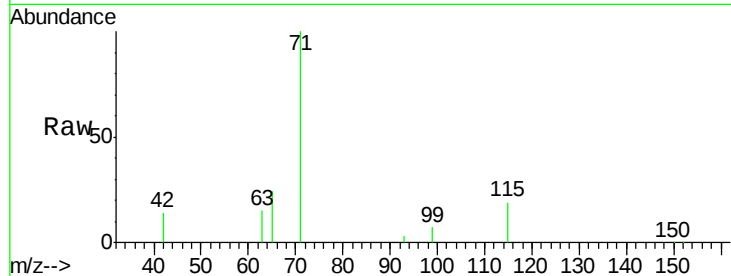
99 100

42 187.3 21.6 32.4#

71 1019.3 28.7 43.1#

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#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001671.D

Acq: 12 Jun 2015 10:52

Tgt Ion: 136 Resp: 86898

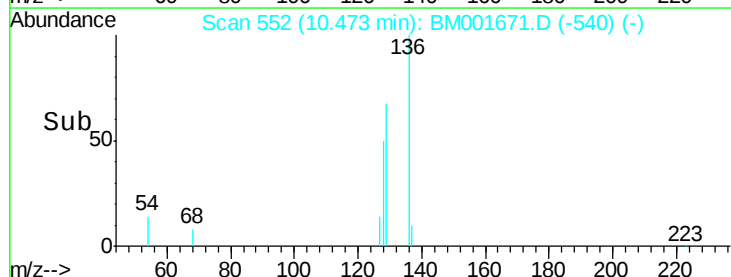
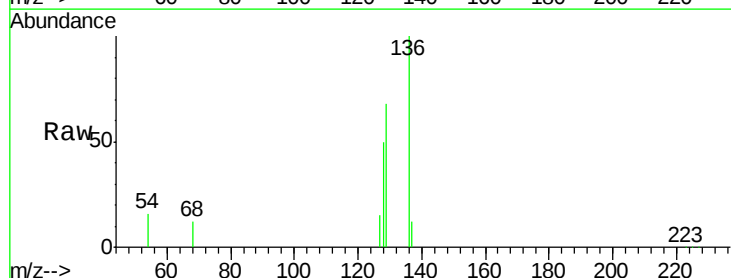
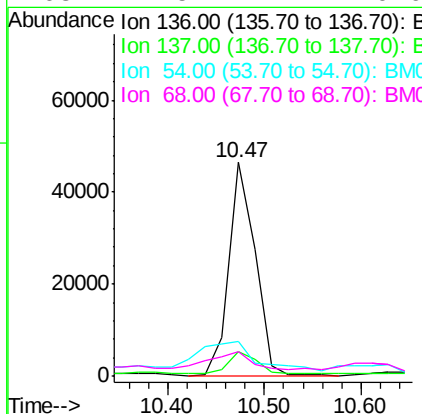
Ion Ratio Lower Upper

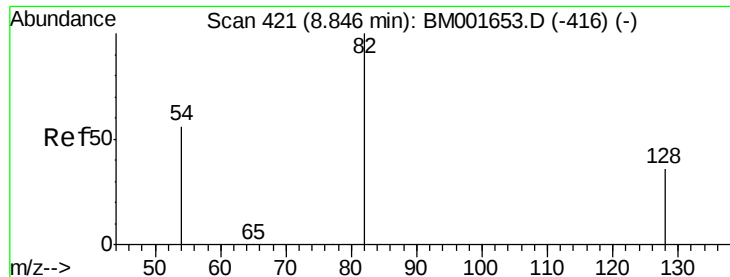
136 100

137 11.7 8.7 13.1

54 16.2 6.9 10.3#

68 11.5 4.4 6.6#





#7

Nitrobenzene-d5

Concen: 9.91 ng

RT: 8.86 min Scan# 422

Delta R.T. 0.01 min

Lab File: BM001671.D

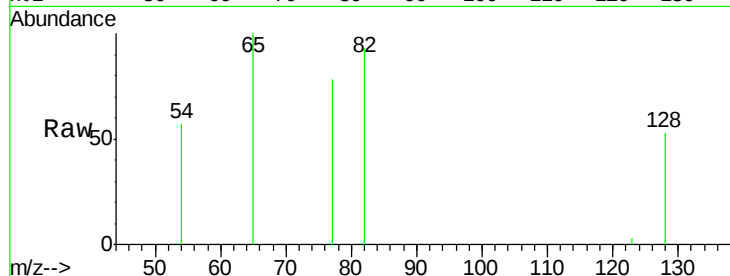
Acq: 12 Jun 2015 10:52

Instrument :

BNA_M

ClientSampleId :

SHB1W



Tgt Ion: 82 Resp: 65947

Ion Ratio Lower Upper

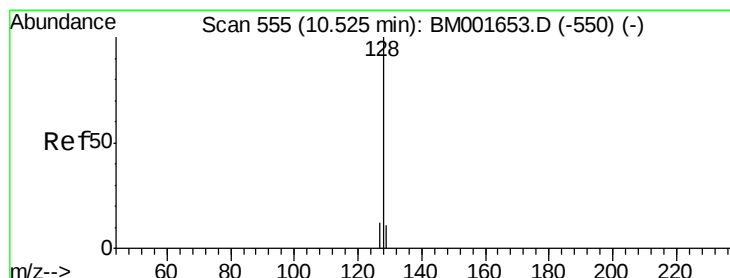
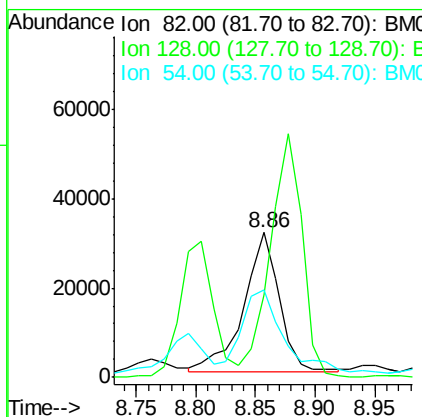
82 100

128 57.2 29.7 44.5#

54 60.8 45.1 67.7

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#9

Naphthalene

Concen: 134.68 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001671.D

Acq: 12 Jun 2015 10:52

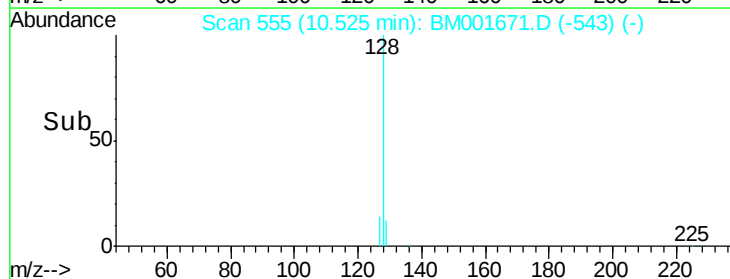
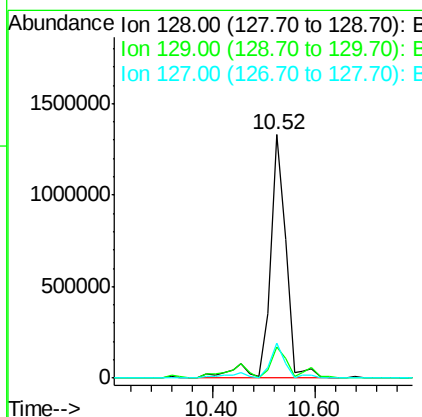
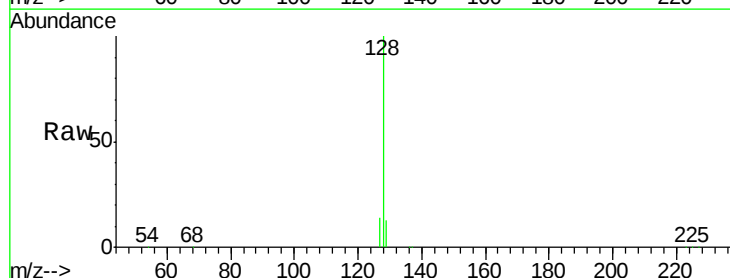
Tgt Ion: 128 Resp: 2837887

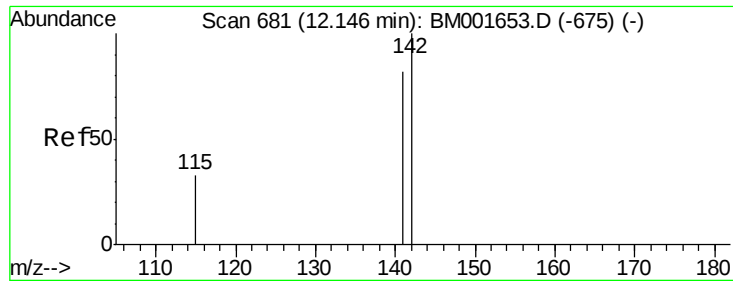
Ion Ratio Lower Upper

128 100

129 12.9 9.4 14.2

127 14.2 9.7 14.5





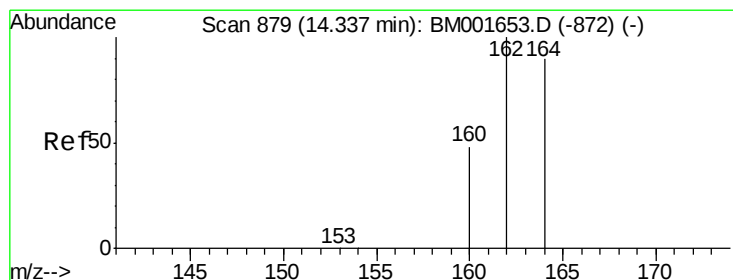
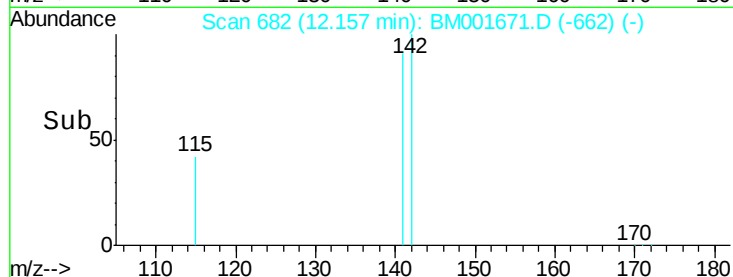
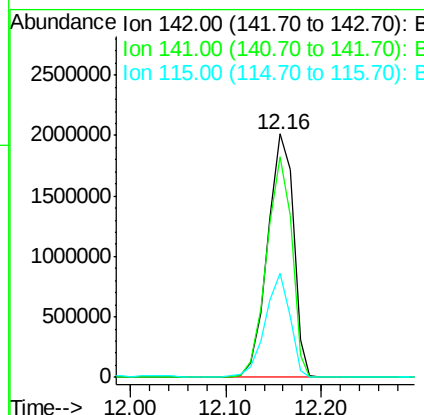
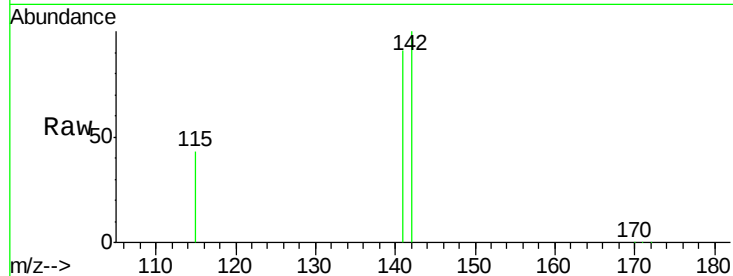
#11
2-Methylnaphthalene
Concen: 277.31 ng
RT: 12.16 min Scan# 682
Delta R.T. 0.01 min
Lab File: BM001671.D
Acq: 12 Jun 2015 10:52

Instrument :
BNA_M
ClientSampleId :
SHB1W

Tgt Ion:142 Resp: 3767112
Ion Ratio Lower Upper
142 100
141 90.8 65.8 98.6
115 42.9 27.0 40.6#

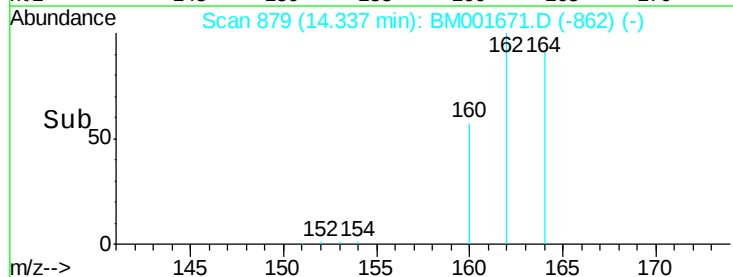
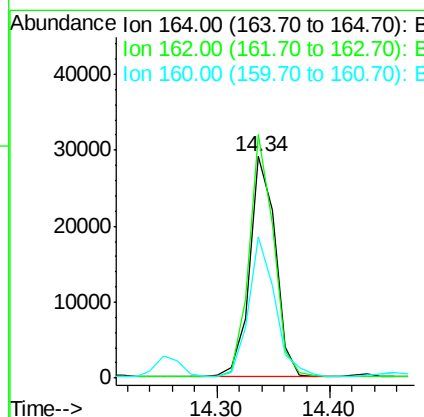
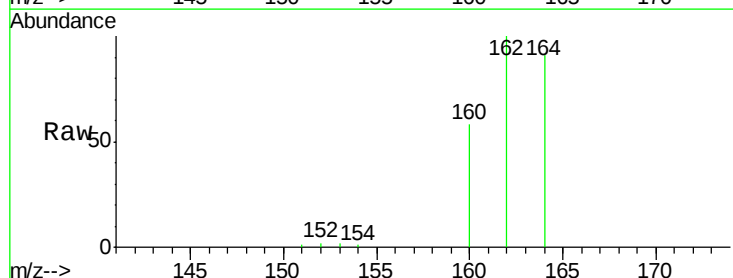
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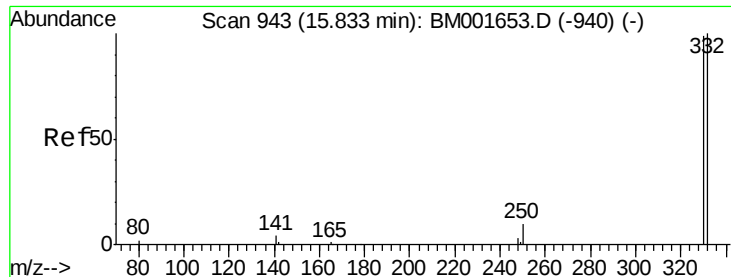
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001671.D
Acq: 12 Jun 2015 10:52

Tgt Ion:164 Resp: 46745
Ion Ratio Lower Upper
164 100
162 109.8 89.0 133.4
160 63.5 42.6 63.8





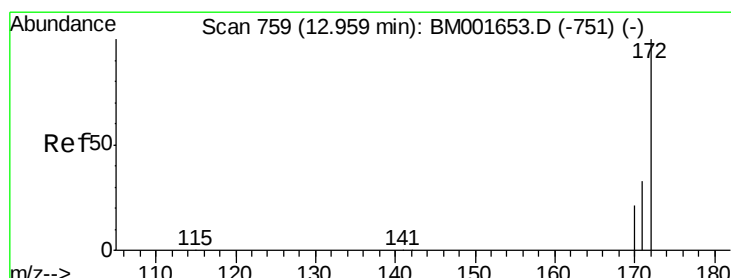
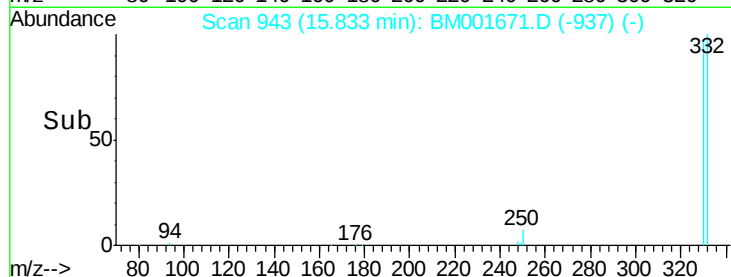
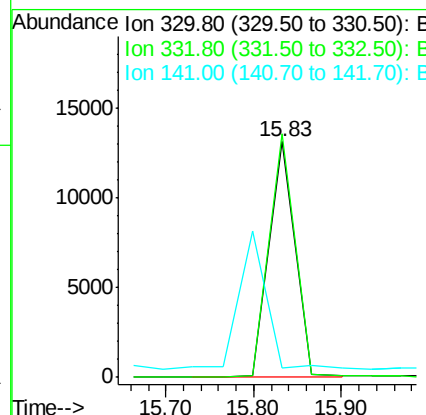
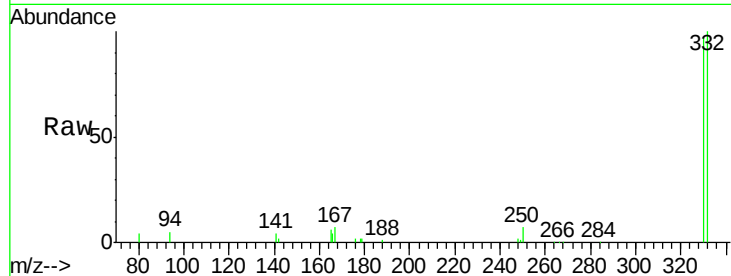
#13
 2,4,6-Tribromophenol
 Concen: 15.90 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001671.D
 Acq: 12 Jun 2015 10:52

Instrument :
 BNA_M
 ClientSampleId :
 SHB1W

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	27065		
332	103.2	80.6	120.8	
141	0.0	0.0	0.0	

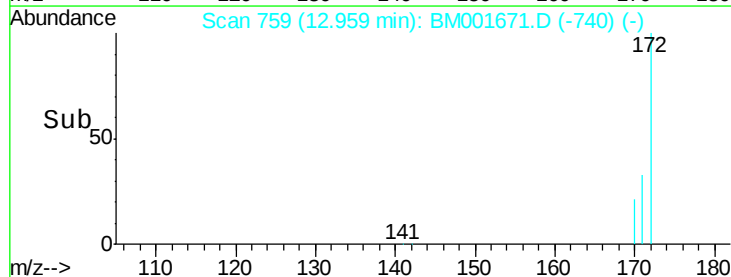
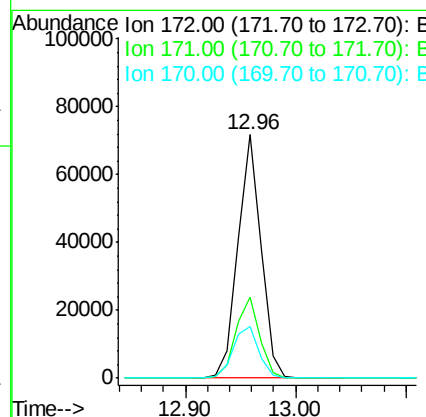
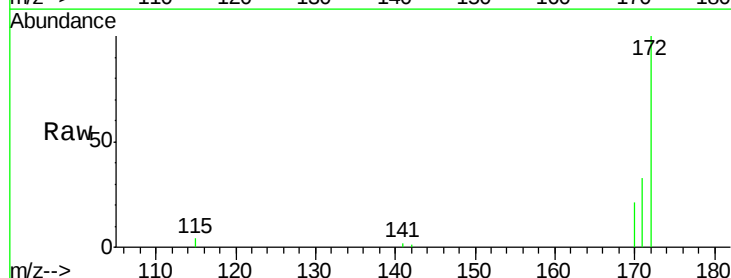
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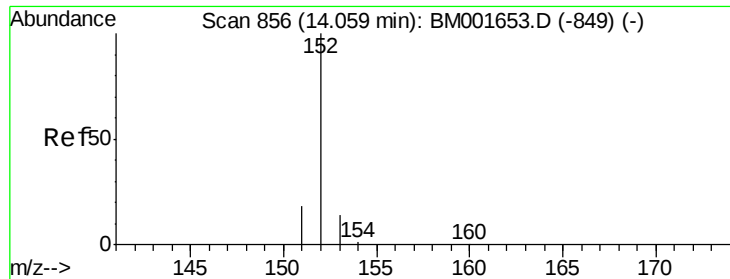
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#14
 2-Fluorobiphenyl
 Concen: 6.38 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001671.D
 Acq: 12 Jun 2015 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	104112		
171	33.1	26.6	40.0	
170	21.1	17.1	25.7	





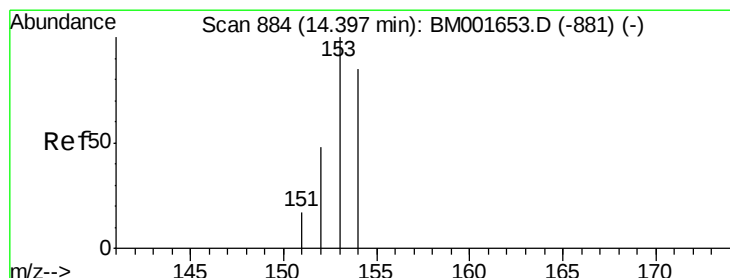
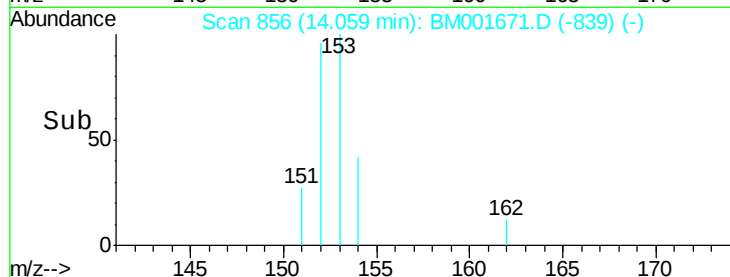
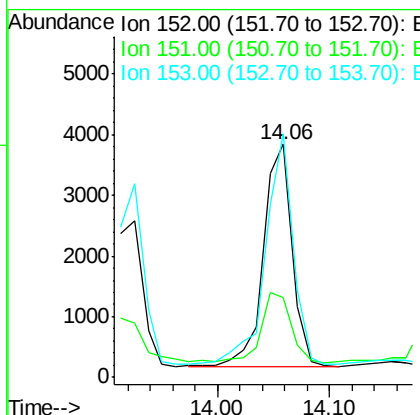
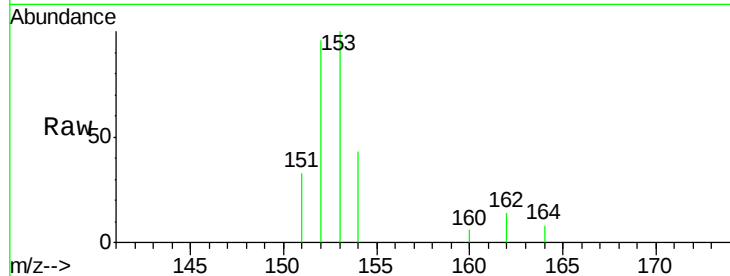
#15
Acenaphthylene
Concen: 0.30 ng
RT: 14.06 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM001671.D
Acq: 12 Jun 2015 10:52

Instrument :
BNA_M
ClientSampleId :
SHB1W

Tgt Ion	Ratio	Lower	Upper
152	100		
151	33.1	15.5	23.3#
153	101.4	10.2	15.4#

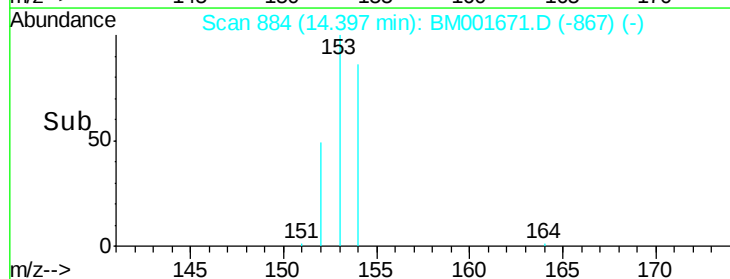
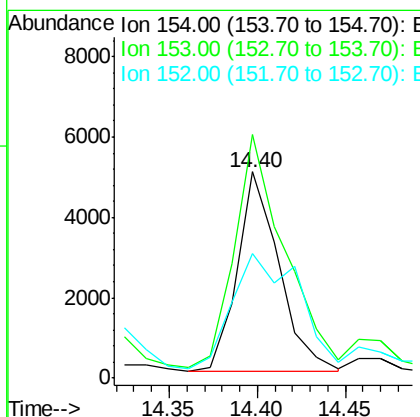
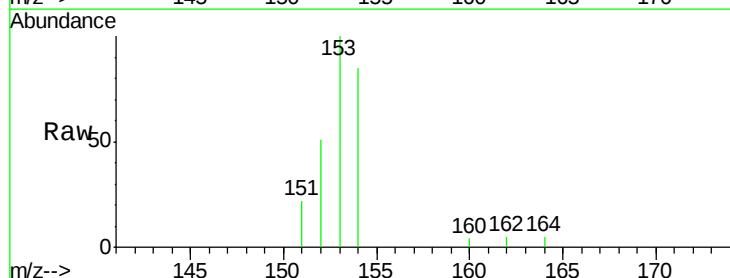
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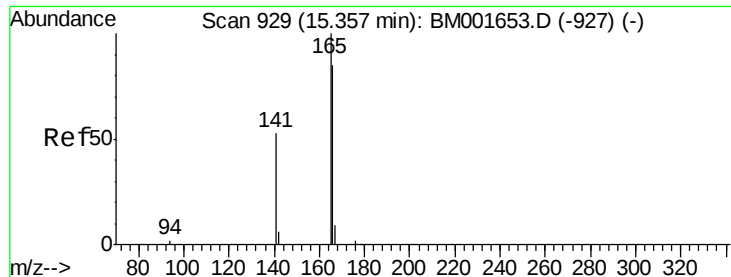
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#16
Acenaphthene
Concen: 0.60 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.00 min
Lab File: BM001671.D
Acq: 12 Jun 2015 10:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	137.1	91.0	136.6#
152	105.2	43.8	65.8#





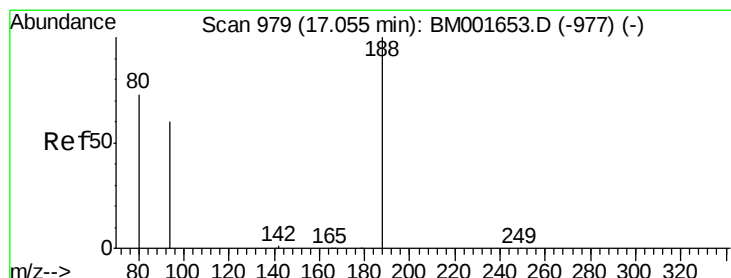
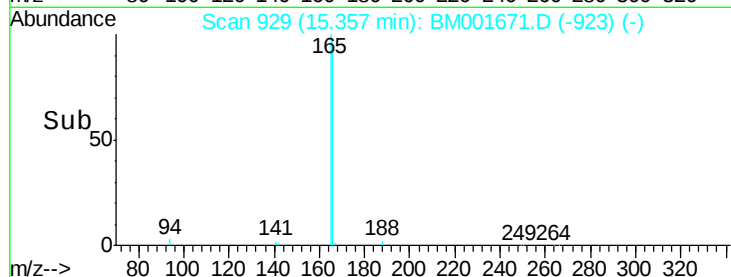
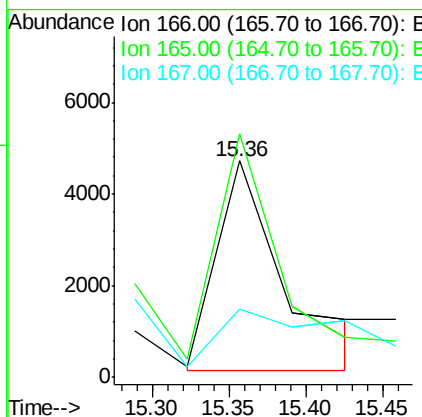
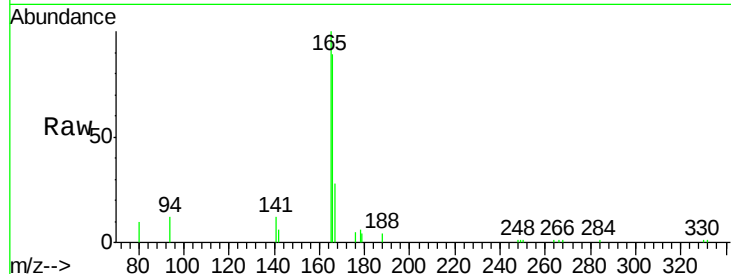
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Fluorene
 Concen: 1.00 ng m
 RT: 15.36 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BM001671.D
 Acq: 12 Jun 2015 10:52

Instrument :
 BNA_M
 ClientSampleId :
 SHB1W

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	90.7	136.1
167	0.0	9.4	14.0

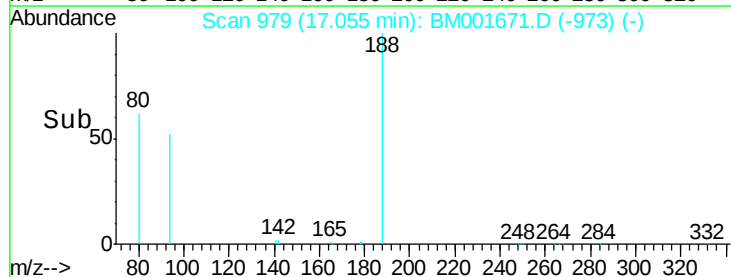
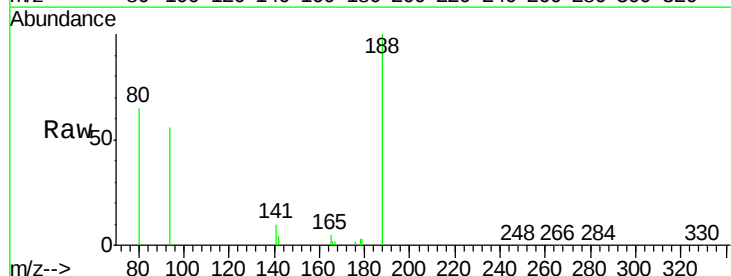
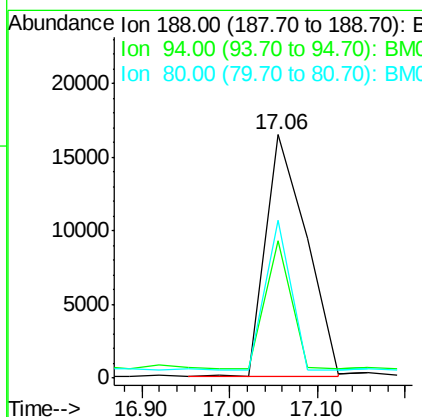
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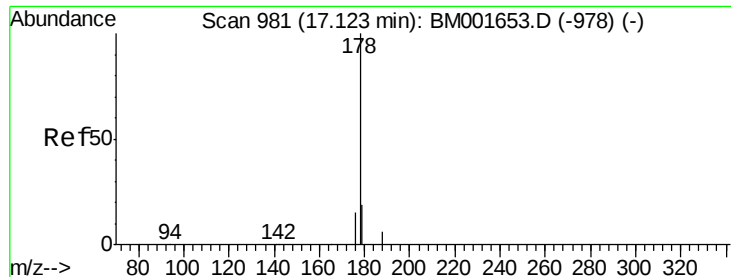
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#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BM001671.D
 Acq: 12 Jun 2015 10:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	56.4	48.3	72.5
80	64.9	58.6	88.0





#22

Phenanthrene

Concen: 0.58 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001671.D

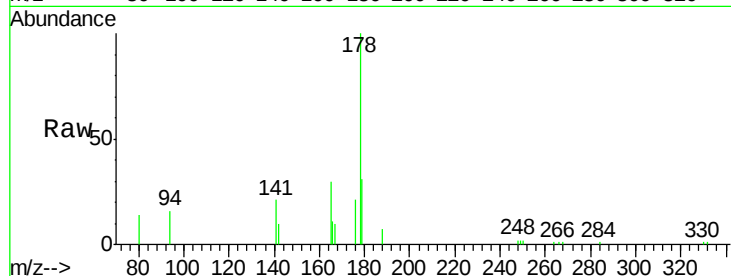
Acq: 12 Jun 2015 10:52

Instrument :

BNA_M

ClientSampleId :

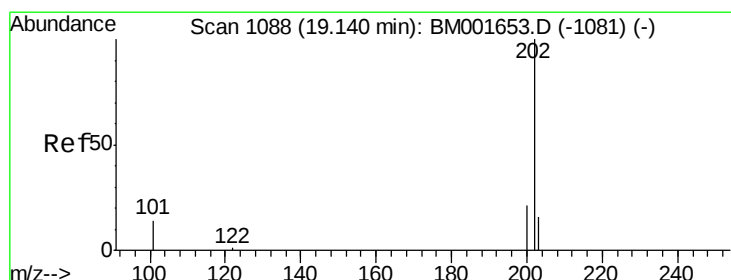
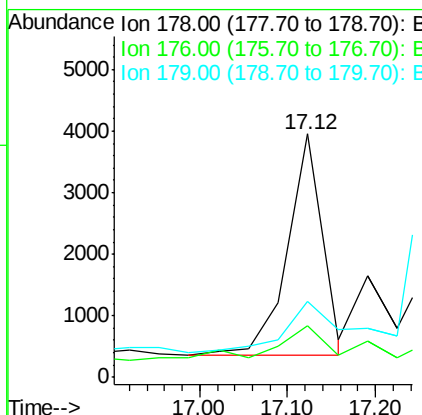
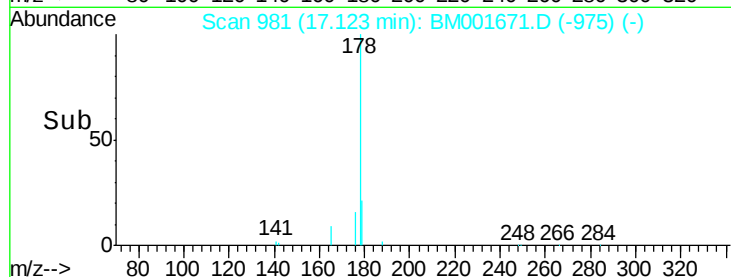
SHB1W



Tgt Ion:	178	Resp:	9987
Ion Ratio	Lower	Upper	
178	100		
176	16.8	0.0	0.0#
179	32.8	14.2	21.2#

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#24

Fluoranthene

Concen: 0.20 ng

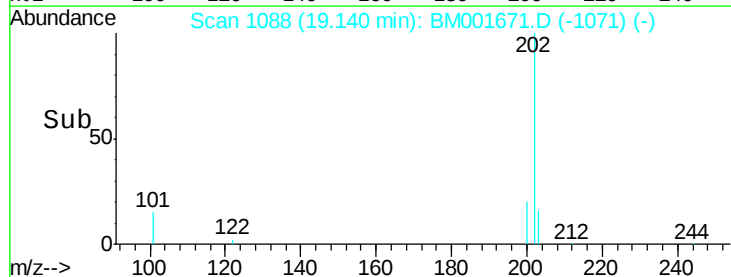
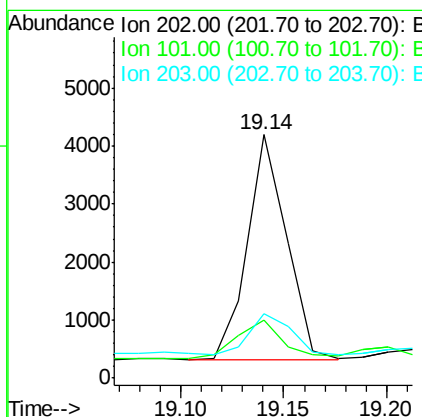
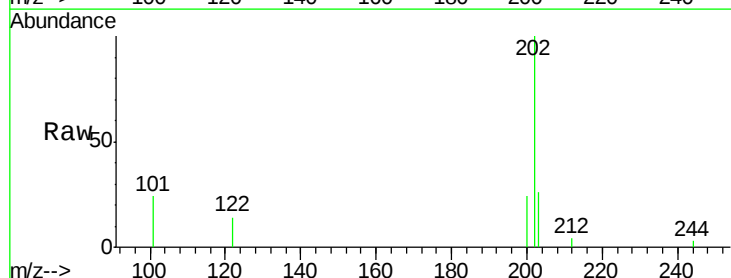
RT: 19.14 min Scan# 1088

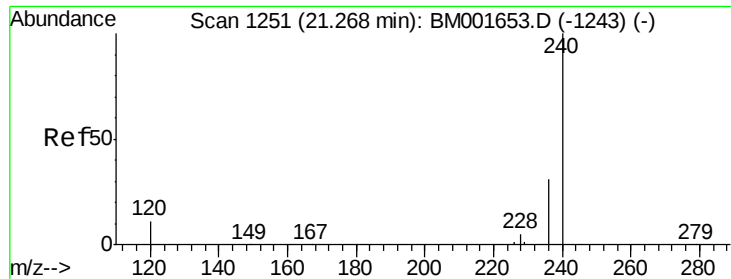
Delta R.T. 0.00 min

Lab File: BM001671.D

Acq: 12 Jun 2015 10:52

Tgt Ion:	202	Resp:	5167
Ion Ratio	Lower	Upper	
202	100		
101	21.2	10.8	16.2#
203	18.8	13.8	20.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM001671.D

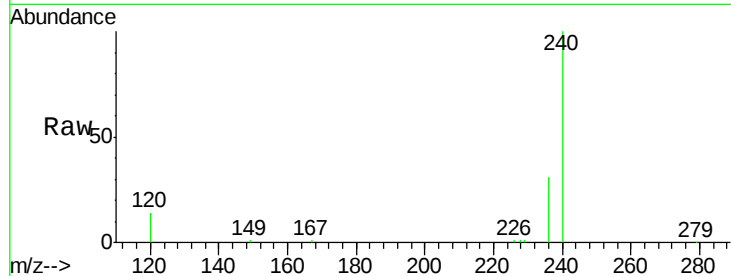
Acq: 12 Jun 2015 10:52

Instrument :

BNA_M

ClientSampleId :

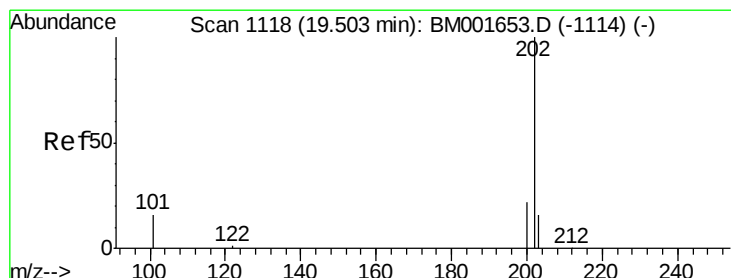
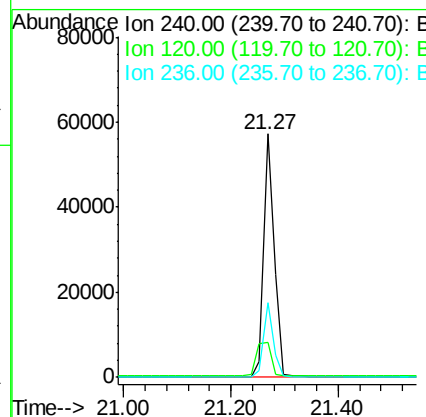
SHB1W



Tgt Ion:	240	Resp:	79685
Ion Ratio	Lower	Upper	
240	100		
120	14.5	8.9	13.3#
236	30.9	24.6	36.8

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#26

Pyrene

Concen: 0.21 ng

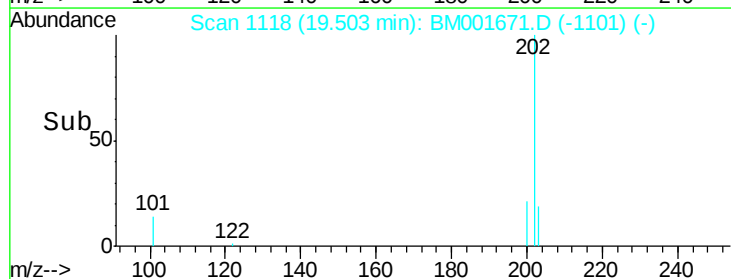
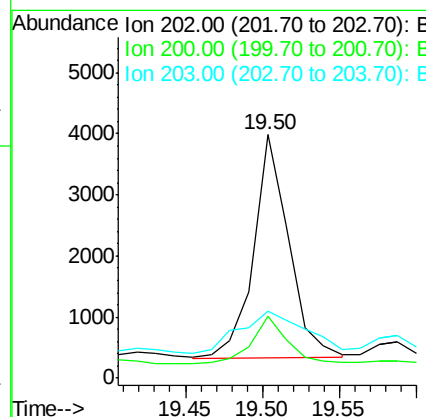
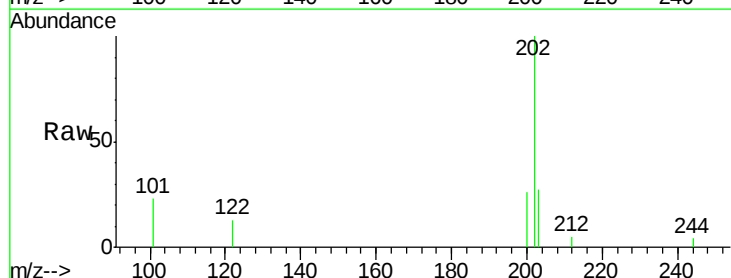
RT: 19.50 min Scan# 1118

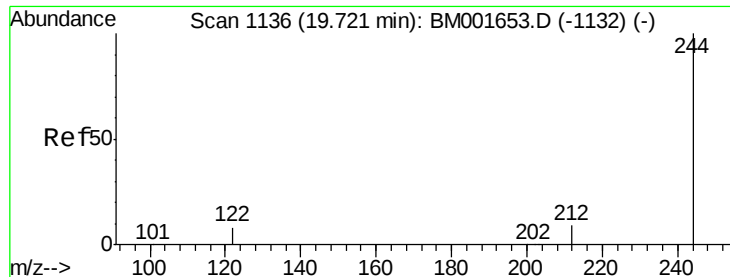
Delta R.T. 0.00 min

Lab File: BM001671.D

Acq: 12 Jun 2015 10:52

Tgt Ion:	202	Resp:	5806
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	24.8
203	34.9	13.8	20.8#





#27

Terphenyl-d14

Concen: 7.44 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001671.D

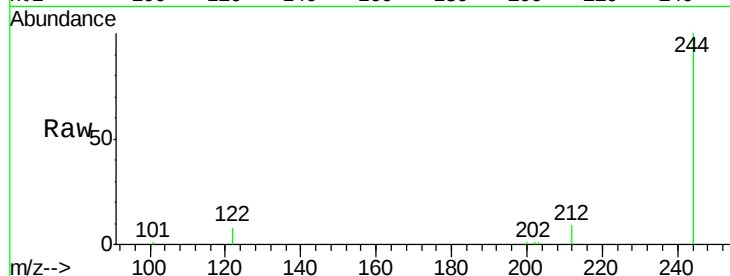
Acq: 12 Jun 2015 10:52

Instrument :

BNA_M

ClientSampleId :

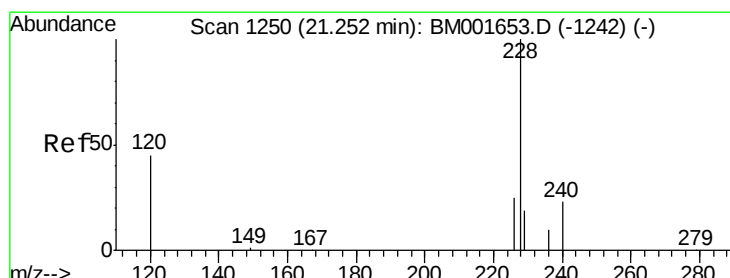
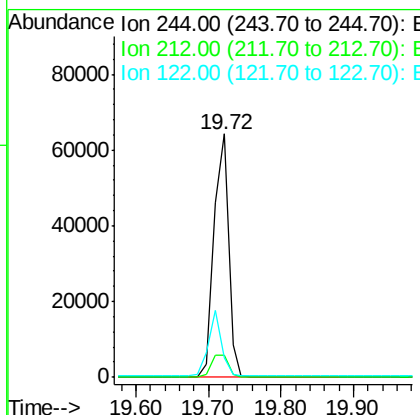
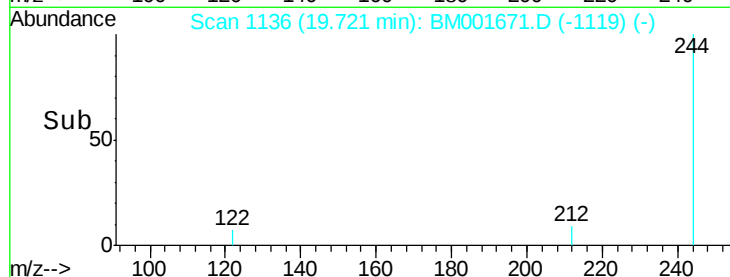
SHB1W



Tgt Ion:	244	Resp:	89340
Ion Ratio	Lower	Upper	
244	100		
212	9.3	7.7	11.5
122	8.1	6.9	10.3

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#28

Benzo(a)anthracene

Concen: 0.10 ng

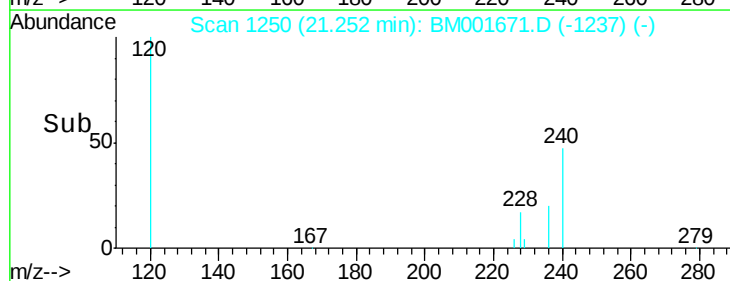
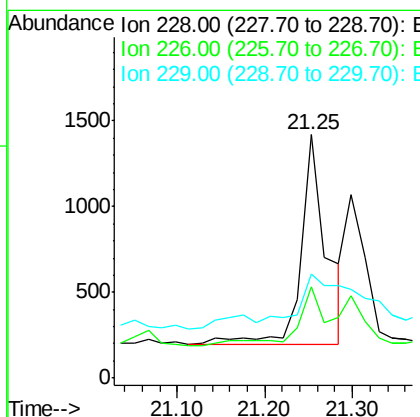
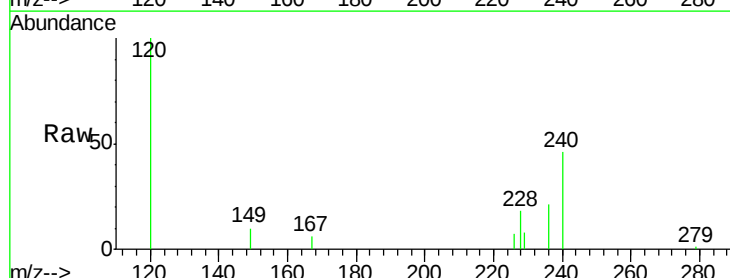
RT: 21.25 min Scan# 1250

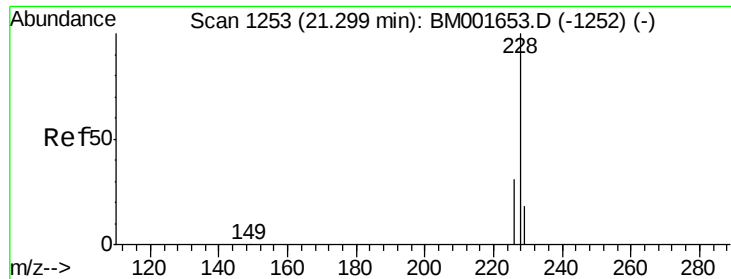
Delta R.T. 0.00 min

Lab File: BM001671.D

Acq: 12 Jun 2015 10:52

Tgt Ion:	228	Resp:	2473
Ion Ratio	Lower	Upper	
228	100		
226	37.4	20.2	30.4#
229	42.9	15.7	23.5#





#29

Chrysene

Concen: 0.06 ng m

RT: 21.30 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM001671.D

Acq: 12 Jun 2015 10:52

Instrument :

BNA_M

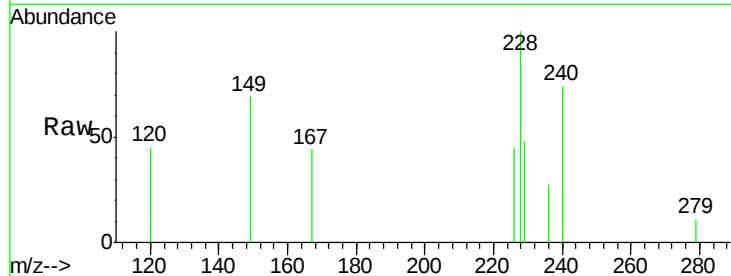
ClientSampleId :

SHB1W

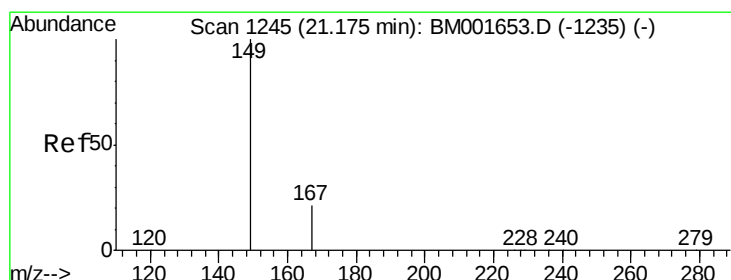
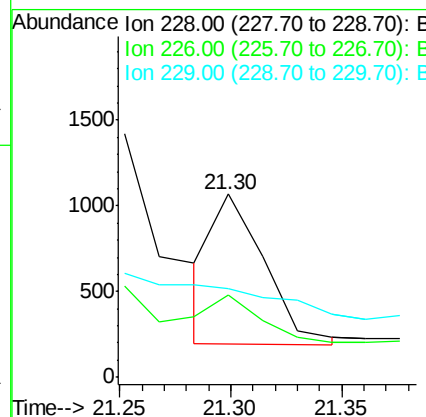
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Tgt Ion:	228	Resp:	1384
Ion Ratio	Lower	Upper	
228	100		
226	44.9	25.8	38.8#
229	48.4	14.1	21.1#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.52 ng

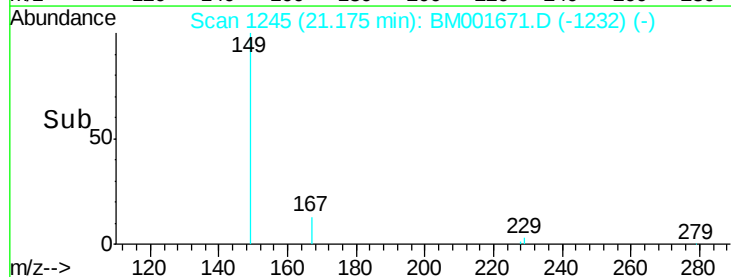
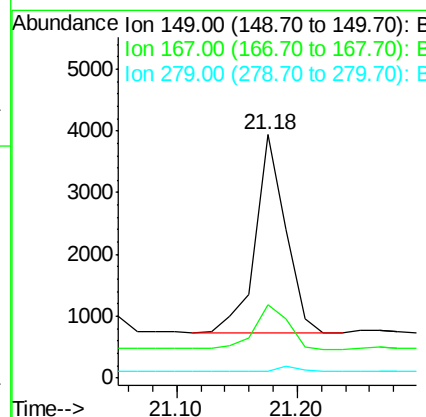
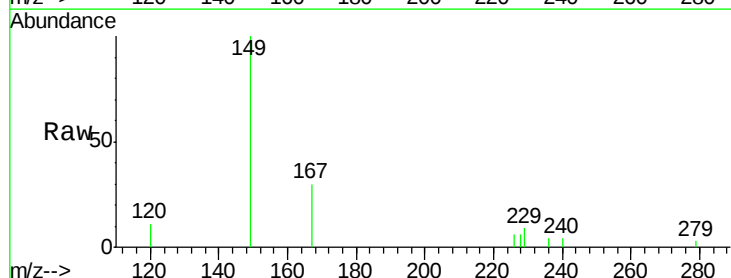
RT: 21.18 min Scan# 1245

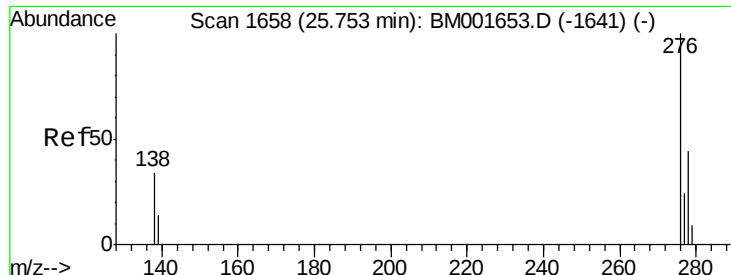
Delta R.T. 0.00 min

Lab File: BM001671.D

Acq: 12 Jun 2015 10:52

Tgt Ion:	149	Resp:	5598
Ion Ratio	Lower	Upper	
149	100		
167	24.8	20.2	30.2
279	2.4	1.7	2.5





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng

RT: 25.75 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BM001671.D

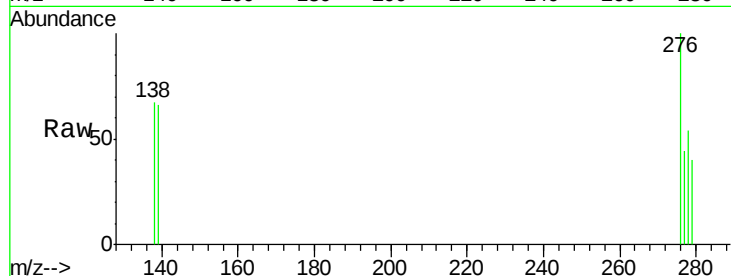
Acq: 12 Jun 2015 10:52

Instrument :

BNA_M

ClientSampleId :

SHB1W



Tgt Ion: 276 Resp: 700

Ion Ratio Lower Upper

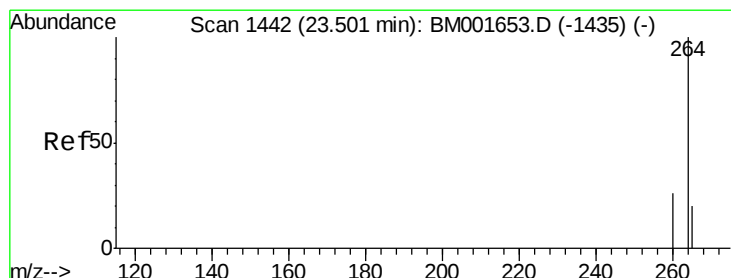
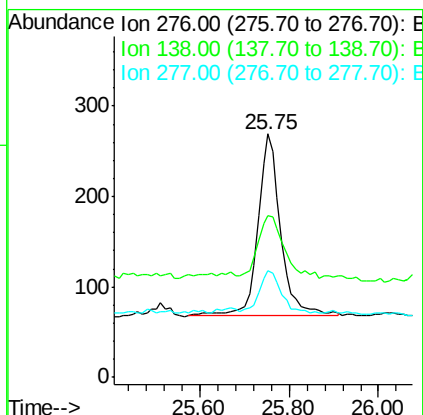
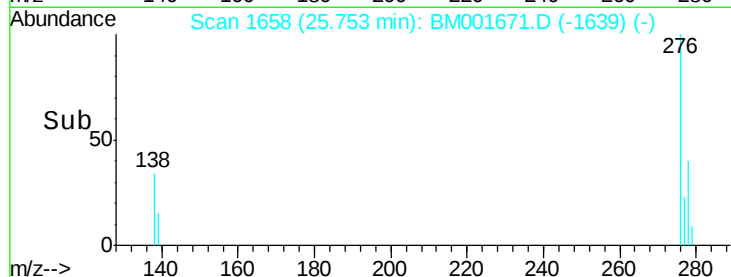
276 100

138 36.7 28.8 43.2

277 22.6 19.6 29.4

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#32

Perylene-d12

Concen: 5.00 ng

RT: 23.50 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BM001671.D

Acq: 12 Jun 2015 10:52

Tgt Ion: 264 Resp: 64181

Ion Ratio Lower Upper

264 100

260 26.8 20.8 31.2

265 20.7 16.9 25.3

